

Table. Occupations in LWIA 4, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
00-0000	Total, All Occupations	183,790	212,220	3,430	4,050	7,475	1.4
11-0000	Management Occupations	11,260	12,830	165	235	400	1.3
11-1000	Top Executives	3,680	4,140	45	90	135	1.2
11-1011	Chief Executives	920	1,040	10	25	35	1.2
11-1021	General and Operations Managers	2,570	2,890	30	60	95	1.2
11-1031	Legislators	190	210	0	5	5	1.1
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sa Advertising and Promotions	540	670	10	10	25	2.0
11-2011	Managers	30	40	0	0	0	2.1
11-2021	Marketing Managers	110	140	5	5	5	2.5
11-2022	Sales Managers	370	450	10	10	15	2.0
11-2031	Public Relations Managers	30	40	0	0	0	1.4
11-3000	Operations Specialties Managers	2,310	2,580	25	45	75	1.1
11-3011	Administrative Services Managers Computer and Information Systems	420	470	5	10	15	1.2
11-3021	Managers	230	240	0	5	5	0.6
11-3031	Financial Managers	820	890	5	10	20	0.9
11-3040	Human Resources Managers	230	290	5	0	5	2.3
11-3051	Industrial Production Managers	250	260	0	10	10	0.1
11-3061	Purchasing Managers	160	160	0	5	5	-0.1
11-3071	Transportation, Storage, and Distribution Managers	210	280	5	5	15	2.9
11-9000	Other Management Occupations	4,730	5,450	80	85	165	1.4
11-9021	Construction Managers	660	660	0	10	10	0.1
11-9031	Education Administrators, Preschool and Child Care Center/Pr	60	80	0	0	5	2.8
11-9032	Education Administrators, Elementary and Secondary School	260	300	5	5	10	1.4
11-9033	Education Administrators, Postsecondary	70	60	0	0	0	-1.0
11-9041	Engineering Managers	540	490	0	10	10	-0.8
11-9051	Food Service Managers	550	650	10	15	25	1.6
11-9081	Lodging Managers	100	110	0	0	5	0.5
11-9111	Medical and Health Services Managers	260	320	5	5	10	2.1
11-9121	Natural Sciences Managers	40	30	0	0	0	-3.5
11-9131	Postmasters and Mail Superintendents	40	70	5	0	5	4.6
11-9141	Property, Real Estate, and Community Association Managers	160	170	0	0	5	0.6

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				Growth	Replace- ments	Total	
	Social and Community Service						
11-9151	Managers	190	240	5	5	10	2.2
11-9199	Managers, All Other	630	700	5	15	20	0.9
	Business and Financial Operations						
13-0000	Occupations	5,120	5,770	80	85	165	1.2
13-1000	Business Operations Specialists	2,690	2,670	10	45	55	-0.1
	Agents and Business Managers of						
13-1011	Artists, Performers, and Ath	120	130	0	5	5	1.1
	Purchasing Agents and Buyers, Farm						
13-1021	Products	30	40	0	0	0	3.7
	Wholesale and Retail Buyers, Except						
13-1022	Farm Products	100	110	0	0	0	0.4
	Purchasing Agents, Except						
13-1023	Wholesale, Retail, and Farm Produc	370	350	0	10	10	-0.8
	Claims Adjusters, Examiners, and						
13-1031	Investigators	60	60	0	0	0	-0.3
	Compliance Officers, Except						
13-1041	Agriculture, Construction, Healt	170	120	0	0	0	-3.7
13-1051	Cost Estimators	180	220	5	5	10	2.2
	Emergency Management Specialists						
13-1061	Employment, Recruitment, and	50	40	0	0	0	-2.3
	Placement Specialists						
13-1071	Compensation, Benefits, and Job	60	80	0	0	5	2.4
	Analysis Specialists						
13-1072		80	70	0	0	0	-0.5
	Training and Development Specialists						
13-1073		160	160	0	5	5	-0.1
	Management Analysts						
13-1111		410	410	0	5	5	-0.1
	Business Operations Specialists, All						
13-1199	Other	910	900	0	10	10	-0.1
13-2000	Financial Specialists	2,430	3,090	70	40	110	2.4
13-2011	Accountants and Auditors	1,190	1,340	15	20	35	1.2
13-2031	Budget Analysts	60	50	0	0	0	-1.9
13-2041	Credit Analysts	30	30	0	0	0	-0.3
13-2051	Financial Analysts	90	120	5	0	5	2.7
13-2053	Insurance Underwriters	90	110	0	5	5	2.2
13-2072	Loan Officers	250	260	0	5	5	0.3
	Tax Examiners, Collectors, and						
13-2081	Revenue Agents	10	10	0	0	0	2.7
	Computer and Mathematical						
15-0000	Occupations	2,150	2,120	20	50	70	-0.1
15-1000	Computer Specialists	1,980	2,030	20	45	65	0.3
15-1021	Computer Programmers	240	200	0	5	5	-1.9
15-1041	Computer Support Specialists	330	380	5	10	15	1.4

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SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
15-1051	Computer Systems Analysts	280	350	10	5	15	2.5
15-2000	Mathematical Scientists	170	90	0	5	5	-6.4
15-2031	Operations Research Analysts	60	30	0	0	0	-5.6
17-0000	Architecture and Engineering Occupations	5,530	4,750	60	120	180	-1.5
17-1000	Architects, Surveyors, and Cartographers	200	240	5	5	10	2.2
17-2000	Engineers	4,040	3,400	50	90	140	-1.7
17-2011	Aerospace Engineers	10	0	0	0	0	-17.1
17-2051	Civil Engineers	350	370	0	10	10	0.5
17-2071	Electrical Engineers	250	170	0	5	5	-3.7
17-2112	Industrial Engineers	550	570	0	15	15	0.3
17-2141	Mechanical Engineers	380	210	0	10	10	-5.6
17-2199	Engineers, All Other	730	600	0	10	10	-1.9
17-3000	Drafters, Engineering, and Mapping Technicians	1,290	1,110	5	25	30	-1.5
17-3011	Architectural and Civil Drafters	130	140	0	5	5	0.8
17-3013	Mechanical Drafters	130	120	0	5	5	-0.6
17-3022	Civil Engineering Technicians	50	50	0	0	0	1.2
17-3023	Electrical and Electronic Engineering Technicians	180	150	0	5	5	-1.7
17-3024	Electro-Mechanical Technicians	90	60	0	0	0	-5.1
17-3026	Industrial Engineering Technicians	180	150	0	5	5	-1.7
17-3027	Mechanical Engineering Technicians	80	70	0	0	0	-1.1
17-3031	Surveying and Mapping Technicians	90	120	5	0	5	2.5
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (O	140	110	0	0	0	-2.6
19-0000	Life, Physical, and Social Science Occupations	1,980	1,440	15	60	70	-3.2
19-1000	Life Scientists	140	70	0	5	5	-6.1
19-1010	Agricultural and Food Scientists	10	10	0	0	0	0.8
19-1023	Zoologists and Wildlife Biologists	80	10	0	0	0	-18.6
19-2000	Physical Scientists	670	470	0	15	20	-3.5
19-2012	Physicists	90	30	0	0	0	-10.0
19-2031	Chemists	200	80	0	5	5	-9.1
19-2041	Environmental Scientists and Specialists, Including Health	220	220	0	5	5	0.1
19-2042	Geoscientists, Except Hydrologists and Geographers	80	70	0	0	0	-0.8
19-3000	Social Scientists and Related Workers	270	310	5	5	10	1.3
19-3021	Market Research Analysts	20	20	0	0	0	-0.6
19-3051	Urban and Regional Planners	30	40	0	0	0	1.9

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SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	Life, Physical, and Social Science						
19-4000	Technicians	910	590	5	30	40	-4.2
19-4021	Biological Technicians	30	30	0	0	0	-0.3
19-4031	Chemical Technicians	130	80	0	5	5	-4.3
	Geological and Petroleum						
19-4041	Technicians	20	20	0	0	0	2.4
	Environmental Science and						
19-4091	Protection Technicians, Including	170	230	5	5	10	2.6
19-4093	Forest and Conservation Technicians	50	50	0	0	0	0.2
	Life, Physical, and Social Science						
19-4099	Technicians, All Other	30	40	0	0	0	1.5
	Community and Social Services						
21-0000	Occupations	2,400	3,010	60	40	100	2.3
	Counselors, Social Workers, and						
21-1000	Other Community and Social S	1,500	1,920	40	30	70	2.5
	Educational, Vocational, and School						
21-1012	Counselors	240	260	5	5	10	1.1
21-1014	Mental Health Counselors	20	30	0	0	0	1.7
	Child, Family, and School Social						
21-1021	Workers	370	400	5	10	10	0.9
	Medical and Public Health Social						
21-1022	Workers	80	90	0	0	5	1.6
	Mental Health and Substance Abuse						
21-1023	Social Workers	70	80	0	0	5	1.6
21-1091	Health Educators	40	40	0	0	0	1.0
	Probation Officers and Correctional						
21-1092	Treatment Specialists	100	100	0	0	0	0.7
21-1093	Social and Human Service Assistants	170	240	5	0	10	3.3
	Counselors, Social, and Religious						
21-9099	Workers, All Other (OES On	160	220	5	0	5	3.1
23-0000	Legal Occupations	350	510	15	5	20	3.7
	Lawyers, Judges, and Related						
23-1000	Workers	260	360	10	5	15	3.4
23-1011	Lawyers	220	320	10	5	15	3.7
	Judges, Magistrate Judges, and						
23-1023	Magistrates	20	30	0	0	0	2.2
23-2000	Legal Support Workers	90	140	5	0	5	4.9
23-2011	Paralegals and Legal Assistants	60	110	5	0	5	5.5
	Miscellaneous Legal & Related						
23-9000	Workers	10	0	0	0	0	-6.7
	Legal and Related Workers, All Other						
23-9099	(OES Only)	10	0	0	0	0	-6.7

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SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	Education, Training, and Library						
25-0000	Occupations	10,350	12,100	185	205	390	1.6
25-1000	Postsecondary Teachers	640	540	0	10	10	-1.8
	Computer Science Teachers,						
25-1021	Postsecondary	30	20	0	0	0	-2.0
	Health Specialties Teachers,						
25-1071	Postsecondary	30	40	0	0	0	2.4
	Art, Drama, and Music Teachers,						
25-1121	Postsecondary	40	40	0	0	0	-0.5
	Vocational Education Teachers,						
25-1194	Postsecondary	150	120	0	5	5	-2.5
	Primary, Secondary, and Special						
25-2000	Education School Teachers	5,940	7,240	130	135	265	2.0
	Preschool Teachers, Except Special						
25-2011	Education	440	620	20	5	25	3.5
	Kindergarten Teachers, Except						
25-2012	Special Education	310	390	10	5	15	2.2
	Elementary School Teachers, Except						
25-2021	Special Education	3,020	3,670	65	65	130	2.0
	Middle School Teachers, Except						
25-2022	Special and Vocational Educat	590	710	10	15	25	1.8
	Secondary School Teachers, Except						
25-2031	Special and Vocational Edu	820	920	10	25	35	1.3
	Vocational Education Teachers,						
25-2032	Secondary School	190	210	0	5	10	1.1
	Special Education Teachers,						
25-2041	Preschool, Kindergarten, and Ele	400	510	10	10	20	2.6
	Special Education Teachers,						
25-2043	Secondary School	100	120	0	0	5	1.5
25-3000	Other Teachers and Instructors	570	640	10	0	10	1.2
	Teachers, Primary, Secondary, and						
25-3999	Adult, All Other (OES Only	400	480	10	0	10	1.8
25-4000	Librarians, Curators, and Archivists	330	380	5	10	15	1.3
25-4021	Librarians	200	220	0	5	5	1.1
	Other Education, Training, and						
25-9000	Library Occupations	2,870	3,300	45	45	90	1.4
25-9031	Instructional Coordinators	110	140	5	0	5	2.5
25-9041	Teacher Assistants	2,750	3,160	40	45	85	1.4
	Library, Museum, Training, and Other						
25-9199	Education Workers, All	10	10	0	0	0	0.0
	Arts, Design, Entertainment, Sports,						
27-0000	and Media Occupations	1,180	1,310	20	25	45	1.0
27-1000	Art and Design Workers	410	470	10	10	20	1.4
27-1021	Commercial and Industrial Designers	50	50	0	0	0	-1.0

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				Growth	Replaces	Total	
27-1023	Floral Designers	110	130	0	5	5	1.2
27-1024	Graphic Designers	130	170	5	5	10	2.4
27-1026	Merchandise Displayers and Window Trimmers	70	100	5	0	5	3.7
27-2000	Entertainers and Performers, Sports and Related Workers	260	280	5	5	10	0.8
27-2041	Music Directors and Composers	70	80	0	0	0	0.8
27-2042	Musicians and Singers	150	160	0	5	5	1.2
27-3000	Media and Communication Workers	380	380	5	5	10	0.2
27-3010	Announcers	40	30	0	0	0	-4.0
27-3020	News Analysts, Reporters and Correspondents	50	60	0	0	0	2.8
27-3031	Public Relations Specialists	90	70	0	0	0	-3.6
27-3042	Technical Writers	50	60	0	0	0	2.4
27-3091	Interpreters and Translators	20	30	0	0	0	2.0
27-4000	Media and Communication Equipment Workers	140	180	5	5	5	2.5
27-4021	Photographers	120	150	5	5	5	2.8
29-0000	Healthcare Practitioners and Technical Occupations	8,770	11,240	250	170	420	2.5
29-1000	Health Diagnosing and Treating Practitioners	4,000	5,250	125	65	190	2.8
29-1011	Chiropractors	40	40	0	0	0	0.3
29-1020	Dentists	30	30	0	0	0	0.7
29-1031	Dietitians and Nutritionists	40	50	0	0	0	1.3
29-1041	Optometrists	20	30	0	0	0	0.4
29-1051	Pharmacists	310	480	15	5	20	4.4
29-1062	Family and General Practitioners	110	130	0	0	5	1.8
29-1063	Internists, General	80	100	0	0	5	1.8
29-1067	Surgeons	50	60	0	0	0	1.9
29-1069	Physicians and Surgeons, All Other	20	20	0	0	0	0.9
29-1071	Physician Assistants	60	80	0	0	5	3.0
29-1111	Registered Nurses	2,350	3,100	75	40	115	2.8
29-1122	Occupational Therapists	80	90	0	0	5	1.8
29-1123	Physical Therapists	190	220	5	0	5	1.6
29-1126	Respiratory Therapists	130	170	5	0	5	3.0
29-1127	Speech-Language Pathologists	110	120	0	0	5	1.2
29-1131	Veterinarians	110	190	10	0	10	5.5
29-2000	Health Technologists and Technicians	4,600	5,840	125	105	230	2.4
29-2011	Medical and Clinical Laboratory Technologists	170	190	0	5	5	1.2

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				Growth	Replaces	Total	
	Medical and Clinical Laboratory						
29-2012	Technicians	170	210	5	5	5	2.4
29-2021	Dental Hygienists	240	270	5	5	10	1.1
	Cardiovascular Technologists and						
29-2031	Technicians	40	60	0	0	5	3.5
29-2032	Diagnostic Medical Sonographers	90	130	5	0	5	3.0
29-2033	Nuclear Medicine Technologists	30	40	0	0	0	2.3
	Radiologic Technologists and						
29-2034	Technicians	330	420	10	5	15	2.4
29-2051	Dietetic Technicians	50	70	0	0	5	3.2
29-2052	Pharmacy Technicians	480	850	35	15	50	6.0
29-2054	Respiratory Therapy Technicians	50	60	0	0	5	1.4
29-2055	Surgical Technologists	120	160	5	5	10	3.3
	Licensed Practical and Licensed						
29-2061	Vocational Nurses	1,500	1,710	20	40	65	1.4
	Medical Records and Health						
29-2071	Information Technicians	240	300	5	5	15	2.5
29-2081	Opticians, Dispensing	110	110	0	5	5	0.6
	Other Healthcare Practitioners and						
29-9000	Technical Occupations	130	80	0	0	0	-4.5
	Occupational Health and Safety						
29-9010	Specialists and Technicians	110	60	0	0	0	-6.6
29-9091	Athletic Trainers	20	30	0	0	0	2.5
	Other Health Practitioners And						
29-9100	Technical Workers	50	60	0	0	0	3.1
	Health Professionals and						
29-9199	Technicians, All Other (OES Only)	50	60	0	0	0	3.1
31-0000	Healthcare Support Occupations	4,120	5,010	90	45	135	2.0
	Nursing, Psychiatric, and Home						
31-1000	Health Aides	2,500	2,980	50	20	70	1.8
31-1011	Home Health Aides	370	440	5	5	10	1.7
	Nursing Aides, Orderlies, and						
31-1012	Attendants	2,120	2,540	40	20	60	1.8
	Occupational and Physical Therapist						
31-2000	Assistants and Aides	210	270	5	5	10	2.8
31-2011	Occupational Therapist Assistants	30	40	0	0	0	3.1
31-2021	Physical Therapist Assistants	100	140	5	0	5	3.5
31-2022	Physical Therapist Aides	80	90	0	0	5	1.8
	Other Healthcare Support						
31-9000	Occupations	1,420	1,750	35	20	55	2.1
31-9011	Massage Therapists	150	180	0	0	5	1.5
31-9091	Dental Assistants	470	530	5	10	15	1.1
31-9092	Medical Assistants	450	620	15	5	25	3.2
31-9094	Medical Transcriptionists	130	150	5	0	5	1.8
31-9095	Pharmacy Aides	50	50	0	0	0	0.6

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				Growth	Replace- ments	Total	
	Healthcare Support Workers, All						
31-9099	Other	100	120	5	0	5	2.5
33-0000	Protective Service Occupations	2,970	3,620	70	90	155	2.0
	First-Line Supervisors/Managers,						
33-1000	Protective Service Workers	220	240	0	5	10	0.6
	First-Line Supervisors/Managers of						
33-1011	Correctional Officers	30	30	0	0	0	1.7
	First-Line Supervisors/Managers of						
33-1012	Police and Detectives	90	110	0	5	5	2.0
	First-Line Supervisors/Managers of						
33-1021	Fire Fighting and Prevent	70	70	0	0	0	0.0
	First-Line Supervisors/Managers,						
33-1099	Protective Service Workers,	40	30	0	0	0	-3.0
33-2000	Fire Fighting and Prevention Workers	400	430	5	15	20	0.8
33-2011	Fire Fighters	330	400	5	10	20	1.9
33-2021	Fire Inspectors and Investigators	70	30	0	0	0	-7.8
33-3000	Law Enforcement Workers	1,470	1,780	30	35	70	2.0
33-3011	Bailiffs	20	30	0	0	0	2.3
33-3012	Correctional Officers and Jailers	630	770	15	15	30	2.0
33-3021	Detectives and Criminal Investigators	120	160	5	5	5	2.8
33-3051	Police and Sheriff's Patrol Officers	630	770	15	15	30	1.9
33-9000	Other Protective Service Workers	890	1,170	30	30	60	2.8
33-9011	Animal Control Workers	40	50	0	0	0	2.2
33-9032	Security Guards	560	790	25	10	35	3.5
33-9099	Protective Service Workers, All Other	260	300	5	20	25	1.5
	Food Preparation and Serving						
35-0000	Related Occupations	13,810	18,860	505	445	950	3.2
	Supervisors, Food Preparation and						
35-1000	Serving Workers	1,200	1,530	35	10	45	2.5
35-1011	Chefs and Head Cooks	90	110	5	0	5	2.7
	First-Line Supervisors/Managers of						
35-1012	Food Preparation and Serv	1,110	1,420	30	10	40	2.5
35-2000	Cooks and Food Preparation Workers	3,720	4,550	85	105	190	2.0
35-2011	Cooks, Fast Food	930	1,030	10	25	35	1.0
35-2012	Cooks, Institution and Cafeteria	810	860	5	20	25	0.6
35-2014	Cooks, Restaurant	860	1,330	45	25	70	4.4
35-2015	Cooks, Short Order	350	370	0	10	10	0.6
35-2021	Food Preparation Workers	770	960	20	25	45	2.3
35-3000	Food and Beverage Serving Workers	7,910	11,270	335	275	610	3.6
35-3011	Bartenders	170	260	10	5	15	4.7



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35-3021	Combined Food Preparation and Serving Workers, Including Fast Counter Attendants, Cafeteria, Food Concession, and Coffee S	4,170	5,120	95	80	175	2.1
35-3022	Waiters and Waitresses	220	240	0	15	15	0.7
35-3031	Food Servers, Nonrestaurant	3,170	5,440	225	170	400	5.6
35-3041	Other Food Preparation and Serving Related Workers	190	210	0	5	5	1.0
35-9000	Dishwashers	980	1,510	55	50	105	4.4
35-9021	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	390	590	20	15	35	4.2
35-9031	Building and Grounds Cleaning and Maintenance Occupations	400	670	25	30	55	5.2
37-0000	Supervisors, Building and Grounds Cleaning and Maintenance W	7,100	8,240	115	115	230	1.5
37-1000	First-Line Supervisors/Managers of Housekeeping and Janitori	700	840	15	5	20	1.9
37-1011	First-Line Supervisors/Managers of Landscaping, Lawn Service	310	360	5	5	10	1.7
37-1012	Building Cleaning and Pest Control Workers	390	480	10	5	10	2.0
37-2000	Maids and Housekeeping Cleaners	4,360	4,880	50	85	135	1.1
37-2012	Grounds Maintenance Workers	2,420	2,690	25	45	75	1.1
37-3000	Landscaping and Groundskeeping Workers	2,040	2,510	45	25	75	2.1
37-3011	Tree Trimmers and Pruners	1,980	2,450	45	25	75	2.1
37-3013	Building and Grounds Cleaning and Maintenance Workers, All O	40	50	0	0	0	2.0
37-9099	Personal Care and Service Occupations	10	10	0	0	0	-0.9
39-0000	Supervisors, Personal Care and Service Workers	4,090	4,880	80	95	175	1.8
39-1000	First-Line Supervisors/Managers of Personal Service Workers	80	80	0	0	5	1.0
39-1021	Entertainment Attendants and Related Workers	80	80	0	0	5	1.0
39-3000	Ushers, Lobby Attendants, and Ticket Takers	240	270	5	10	10	1.1
39-3031	Amusement and Recreation Attendants	40	50	0	5	5	2.5
39-3091	Gaming Workers, All Other (OES Only)	110	130	0	5	10	1.6
39-3199	Funeral Service Workers	80	80	0	0	0	-0.4
39-4000	Personal Appearance Workers	70	60	0	0	0	-0.5
39-5000		420	500	10	5	15	1.9

Table. Occupations in LWIA 4, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	380	460	10	5	15	1.9
39-9000	Other Personal Care and Service Workers	3,000	3,580	60	70	130	1.8
39-9011	Child Care Workers	1,490	1,670	20	45	60	1.1
39-9021	Personal and Home Care Aides	920	1,230	30	15	45	3.0
39-9032	Recreation Workers	270	310	5	5	10	1.4
39-9041	Residential Advisors	180	200	5	5	10	1.4
41-0000	Sales and Related Occupations	15,670	17,820	225	515	740	1.3
41-1000	Supervisors, Sales Workers	2,710	3,070	35	55	90	1.3
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,260	2,440	20	45	65	0.8
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	450	630	20	5	25	3.4
41-2000	Retail Sales Workers	10,350	11,260	90	410	500	0.8
41-2011	Cashiers	5,610	5,610	0	265	265	0.0
41-2021	Counter and Rental Clerks	630	850	20	25	45	3.1
41-2022	Parts Salespersons	340	380	5	5	10	1.2
41-2031	Retail Salespersons	3,780	4,420	65	115	180	1.6
41-3011	Advertising Sales Agents	70	140	5	0	5	6.2
41-3021	Insurance Sales Agents	340	500	15	5	25	3.9
41-3031	Securities, Commodities, and Financial Services Sales Agents	10	10	0	0	0	1.6
41-4000	Sales Representatives, Wholesale and Manufacturing	1,220	1,780	55	25	85	3.8
41-4011	Sales Representatives, Wholesale and Manufacturing, Technica	180	290	10	5	15	4.7
41-4012	Sales Representatives, Wholesale and Manufacturing, Except T	1,040	1,490	45	25	70	3.7
41-9099	Sales and Related Workers, All Other Office and Administrative Support	340	450	10	5	15	2.9
43-0000	Occupations	26,880	30,200	395	565	960	1.2
43-1000	Supervisors, Office and Administrative Support Workers	1,600	1,800	20	35	55	1.2
43-1011	First-Line Supervisors/Managers of Office and Administrative Communications Equipment	1,600	1,800	20	35	55	1.2
43-2000	Operators	340	280	0	5	5	-1.9
43-2011	Switchboard Operators, Including Answering Service	330	270	0	5	5	-1.9
43-3000	Financial Clerks	4,610	5,470	85	95	180	1.7
43-3011	Bill and Account Collectors	290	390	10	5	15	2.9
43-3021	Billing and Posting Clerks and Machine Operators	1,020	1,300	30	15	40	2.5

**Table. Occupations in LWIA 4, Tennessee, 2006-2016**

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	Bookkeeping, Accounting, and						
43-3031	Auditing Clerks	2,140	2,550	40	35	75	1.8
43-3051	Payroll and Timekeeping Clerks	240	260	0	5	5	0.5
43-3061	Procurement Clerks	50	60	0	0	0	1.2
43-3071	Tellers	870	920	5	40	45	0.5
43-4000	Information and Record Clerks	5,680	6,680	120	140	260	1.6
43-4031	Court, Municipal, and License Clerks	50	60	0	0	0	2.2
43-4051	Customer Service Representatives	1,800	2,440	65	50	115	3.1
43-4061	Eligibility Interviewers, Government Programs	240	250	0	5	5	0.3
43-4071	File Clerks	130	60	0	5	5	-7.3
43-4081	Hotel, Motel, and Resort Desk Clerks	310	350	5	10	15	1.2
43-4111	Loan Interviewers, Except Eligibility and	110	130	0	5	5	1.3
43-4131	Loan Clerks	360	340	0	5	5	-0.7
43-4151	Order Clerks	180	150	0	5	5	-2.1
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	270	270	0	0	0	0.1
43-4171	Receptionists and Information Clerks	1,210	1,600	40	30	70	2.8
43-4999	Financial, Information, and Record Clerks, All Other (OES On	190	190	0	0	0	-0.2
43-5000	Material Recording, Scheduling, Dispatching, and Distributin	5,270	5,720	65	130	195	0.8
43-5011	Cargo and Freight Agents	90	120	5	5	5	2.5
43-5021	Couriers and Messengers	120	140	0	5	5	1.5
43-5031	Police, Fire, and Ambulance Dispatchers	160	200	5	5	10	2.2
43-5032	Dispatchers, Except Police, Fire, and Ambulance	150	170	0	5	5	1.5
43-5041	Meter Readers, Utilities	110	110	0	5	5	0.1
43-5051	Postal Service Clerks	100	150	5	0	10	4.9
43-5052	Postal Service Mail Carriers	520	830	30	15	45	4.8
43-5053	Postal Service Mail Sorters, Processors, and Processing Mach	40	50	0	0	0	3.9
43-5061	Production, Planning, and Expediting Clerks	270	310	5	5	10	1.4
43-5071	Shipping, Receiving, and Traffic Clerks	910	1,010	10	20	30	1.0
43-5081	Stock Clerks and Order Fillers	2,520	2,450	0	60	60	-0.3
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	300	190	0	10	10	-4.3

Table. Occupations in LWIA 4, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	Secretaries and Administrative						
43-6000	Assistants	4,860	5,070	40	75	115	0.4
	Executive Secretaries and						
43-6011	Administrative Assistants	2,260	2,470	20	35	60	0.9
43-6012	Legal Secretaries	170	290	10	5	15	5.3
43-6013	Medical Secretaries	210	260	5	5	10	2.0
	Secretaries, Except Legal, Medical,						
43-6014	and Executive	2,220	2,050	0	35	35	-0.8
	Other Office and Administrative						
43-9000	Support Workers	4,530	5,180	70	85	150	1.4
43-9011	Computer Operators	180	160	0	5	5	-1.5
43-9021	Data Entry Keyers	270	310	5	5	10	1.6
	Insurance Claims and Policy						
43-9041	Processing Clerks	60	80	0	0	5	2.2
	Mail Clerks and Mail Machine						
43-9051	Operators, Except Postal Servic	50	40	0	0	0	-1.1
43-9061	Office Clerks, General	3,810	4,410	60	70	130	1.5
	Office Machine Operators, Except						
43-9071	Computer	40	50	0	0	0	0.9
	Secretaries, Administrative						
43-9999	Assistants, and Other Office Sup	60	80	0	0	0	2.3
	Farming, Fishing, and Forestry						
45-0000	Occupations	3,590	4,360	80	85	165	2.0
45-2000	Agricultural Workers	3,090	3,870	80	75	155	2.3
45-2021	Animal Breeders	10	10	0	0	0	5.2
	Farmworkers, Farm and Ranch						
45-2093	Animals	350	420	5	10	15	1.7
	Forest, Conservation, and Logging						
45-4000	Workers	120	100	0	5	5	-1.6
	Other Farming, Fishing, and Forestry						
45-9000	Workers	150	150	0	0	0	-0.1
	Farming, Fishing, and Forestry						
45-9099	Workers, All Other (OES Only)	150	150	0	0	0	-0.1
	Construction and Extraction						
47-0000	Occupations	10,280	11,540	155	170	325	1.2
	Supervisors, Construction and						
47-1000	Extraction Workers	660	710	5	10	15	0.8
	First-Line Supervisors/Managers of						
47-1011	Construction Trades and E	660	710	5	10	15	0.8
47-2000	Construction Trades Workers	7,990	8,890	115	130	245	1.1
47-2021	Brickmasons and Blockmasons	70	60	0	0	0	-2.2
47-2031	Carpenters	1,880	1,870	0	25	25	-0.1
	Cement Masons and Concrete						
47-2051	Finishers	450	560	10	15	25	2.1
47-2061	Construction Laborers	2,240	2,640	40	15	55	1.7

**Table. Occupations in LWIA 4, Tennessee, 2006-2016**

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
	Operating Engineers and Other						
47-2073	Construction Equipment Operato	370	480	10	5	20	2.7
47-2111	Electricians	1,080	900	0	30	30	-1.8
47-2130	Insulation Workers	50	50	0	0	0	0.0
	Painters, Construction and						
47-2141	Maintenance	530	730	20	10	30	3.2
47-2151	Pipelayers	110	150	5	0	5	2.9
	Plumbers, Pipefitters, and						
47-2152	Steamfitters	370	400	5	10	10	0.8
47-2181	Roofers	220	310	10	5	15	3.4
47-2211	Sheet Metal Workers	190	250	5	5	10	2.7
47-3000	Helpers, Construction Trades	210	320	10	5	15	4.3
	Helpers--Pipelayers, Plumbers,						
47-3015	Pipefitters, and Steamfitters	150	270	10	5	15	5.8
	Other Construction and Related						
47-4000	Workers	930	1,050	15	20	30	1.3
47-4011	Construction and Building Inspectors	60	70	0	0	0	2.3
	Hazardous Materials Removal						
47-4041	Workers	390	400	0	10	10	0.3
47-4051	Highway Maintenance Workers	420	490	5	10	15	1.6
	All Other Construction Trades and						
47-4900	Related Workers	270	360	10	0	10	2.8
	Construction Trades and Related						
47-4999	Workers, All Other (OES Only)	270	360	10	0	10	2.8
47-5000	Extraction Workers	230	220	5	10	10	-0.6
47-5021	Earth Drillers, Except Oil and Gas	30	40	0	0	0	1.9
	Installation, Maintenance, and Repair						
49-0000	Occupations	7,840	9,620	200	130	330	2.1
	Supervisors of Installation,						
49-1000	Maintenance, and Repair Workers	640	690	5	15	20	0.7
	First-Line Supervisors/Managers of						
49-1011	Mechanics, Installers, an	640	690	5	15	20	0.7
	Electrical and Electronic Equipment						
49-2000	Mechanics, Installers, a	690	780	15	15	30	1.2
	Telecommunications Equipment						
49-2022	Installers and Repairers, Excep	160	170	0	5	5	0.7
	Electrical and Electronics Repairers,						
49-2095	Powerhouse, Substation	20	20	0	0	0	0.0
	Vehicle and Mobile Equipment						
49-3000	Mechanics, Installers	2,160	2,760	60	45	105	2.5
	Automotive Body and Related						
49-3021	Repairers	310	450	15	5	20	3.9
	Automotive Service Technicians and						
49-3023	Mechanics	800	940	15	15	30	1.5

Table. Occupations in LWIA 4, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	Bus and Truck Mechanics and Diesel Engine Specialists	280	280	0	5	5	-0.1
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	150	280	15	5	15	6.5
49-3043	Rail Car Repairers	20	20	0	0	0	-1.5
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	40	0	0	0	-2.2
49-3092	Recreational Vehicle Service Technicians	70	110	5	0	5	4.4
49-9000	Other Installation, Maintenance, and Repair Occupations	4,340	5,390	120	55	170	2.2
49-9012	Control and Valve Installers and Repairers, Except Mechanical	100	120	0	0	5	1.4
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	840	1,410	55	15	70	5.3
49-9041	Industrial Machinery Mechanics	460	560	10	10	20	2.0
49-9042	Maintenance and Repair Workers, General	1,800	2,060	25	5	30	1.3
49-9043	Maintenance Workers, Machinery	240	180	0	5	5	-2.8
49-9044	Millwrights	150	170	5	0	5	1.7
49-9051	Electrical Power-Line Installers and Repairers	200	230	5	5	10	1.6
49-9052	Telecommunications Line Installers and Repairers	130	170	5	5	5	2.8
49-9097	Signal and Track Switch Repairers	10	10	0	0	0	-1.8
49-9098	Helpers--Installation, Maintenance, and Repair Workers	200	310	10	5	15	4.4
51-0000	Production Occupations	23,050	24,080	270	445	715	0.4
51-1000	Supervisors, Production Workers	1,200	1,270	5	20	25	0.6
51-1011	First-Line Supervisors/Managers of Production and Operating	1,200	1,270	5	20	25	0.6
51-2000	Assemblers and Fabricators	5,400	5,880	70	110	185	0.8
51-2022	Electrical and Electronic Equipment Assemblers	200	130	0	5	5	-4.2
51-2041	Structural Metal Fabricators and Fitters	70	100	5	0	5	3.9
51-2091	Fiberglass Laminators and Fabricators	750	680	0	15	15	-1.0
51-2092	Team Assemblers	3,360	4,050	70	70	140	1.9
51-2099	Assemblers and Fabricators, All Other	640	580	0	15	15	-1.0
51-3000	Food Processing Workers	400	420	0	10	15	0.5
51-3011	Bakers	120	130	0	5	5	0.6
51-3021	Butchers and Meat Cutters	150	150	0	5	5	-0.1

Table. Occupations in LWIA 4, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	40	40	0	0	0	0.2
51-4000	Metal Workers and Plastic Workers	5,380	6,170	105	100	205	1.4
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plasti	290	430	15	5	15	4.1
51-4012	Numerical Tool and Process Control Programmers	40	40	0	0	0	-1.8
51-4021	Extruding and Drawing Machine Setters, Operators, and Tender	180	290	10	5	15	4.8
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and P	40	30	0	0	0	-0.6
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and	450	480	5	10	15	0.5
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Ten	230	210	0	5	5	-0.9
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Sette	190	200	0	0	0	0.2
51-4041	Machinists	1,300	1,530	25	20	45	1.6
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators,	150	90	0	5	5	-4.4
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal	60	40	0	0	0	-4.5
51-4111	Tool and Die Makers	260	330	5	5	10	2.5
51-4121	Welders, Cutters, Solderers, and Brazers	820	1,250	45	15	60	4.3
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators,	190	230	5	5	10	2.0
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Met	90	90	0	0	0	-0.2
51-4193	Plating and Coating Machine Setters, Operators, and Tenders,	30	30	0	0	0	-2.7
51-5000	Printing Workers	320	340	5	5	10	0.6
51-5021	Job Printers	40	30	0	0	0	-2.6
51-5022	Prepress Technicians and Workers	100	100	0	0	0	0.3
51-5023	Printing Machine Operators	150	180	5	5	5	1.5
51-6000	Textile, Apparel, and Furnishings Workers	1,930	1,550	0	25	25	-2.2
51-6011	Laundry and Dry-Cleaning Workers	190	210	0	5	5	1.0
51-6031	Sewing Machine Operators	1,400	1,100	0	15	15	-2.4
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	40	0	0	0	-0.9
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and	40	30	0	0	0	-3.2



**Table. Occupations in LWIA 4, Tennessee, 2006-2016**

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
51-7000	Woodworkers Cabinetmakers and Bench	1,000	990	5	25	30	-0.1
51-7011	Carpenters	300	320	0	10	10	0.4
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	280	240	0	5	5	-1.4
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except	140	130	0	5	5	-0.8
51-7099	Woodworkers, All Other	260	290	5	5	10	1.2
51-8000	Plant and System Operators	550	560	10	10	20	0.1
51-8013	Power Plant Operators	40	40	0	0	0	0.0
51-8031	Water and Liquid Waste Treatment Plant and System Operators	260	350	10	5	15	2.8
51-8091	Chemical Plant and System Operators	20	20	0	0	0	1.6
51-9000	Other Production Occupations	6,870	6,910	60	140	200	0.1
51-9011	Chemical Equipment Operators and Tenders	920	750	0	20	20	-2.1
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators	100	80	0	0	0	-1.4
51-9022	Grinding and Polishing Workers, Hand	120	100	0	0	0	-1.8
51-9031	Cutters and Trimmers, Hand	70	60	0	0	0	-2.1
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	100	70	0	0	0	-2.9
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters	410	300	0	10	10	-2.9
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	910	940	5	15	15	0.3
51-9111	Packaging and Filling Machine Operators and Tenders	540	560	0	10	10	0.3
51-9121	Coating, Painting, and Spraying Machine Setters, Operators,	360	410	5	5	15	1.5
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators an	10	20	0	0	0	5.9
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	110	160	5	0	5	3.6
51-9196	Paper Goods Machine Setters, Operators, and Tenders	60	60	0	0	0	0.9
51-9198	Helpers--Production Workers	800	830	0	20	20	0.3
51-9199	Production Workers, All Other	500	560	5	10	15	1.0
53-0000	Transportation and Material Moving Occupations	15,300	18,950	380	355	730	2.2
53-1000	Supervisors, Transportation and Material Moving Workers	550	680	15	10	25	2.1



Table. Occupations in LWIA 4, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	First-Line Supervisors/Managers of						
53-1021	Helpers, Laborers, and Ma	300	380	10	5	15	2.4
53-2000	Air Transportation Workers	90	80	0	5	5	-0.6
53-3000	Motor Vehicle Operators	5,670	7,170	150	95	245	2.4
53-3022	Bus Drivers, School	750	860	10	10	20	1.3
53-3031	Driver/Sales Workers	360	390	5	5	10	0.9
	Truck Drivers, Heavy and Tractor-						
53-3032	Trailer	2,920	3,750	85	50	135	2.5
	Truck Drivers, Light or Delivery						
53-3033	Services	1,320	1,800	50	25	70	3.1
53-3099	Motor Vehicle Operators, All Other	40	50	0	0	0	1.9
	Railroad Conductors and						
53-4031	Yardmasters	50	50	0	0	0	-0.2
53-6000	Other Transportation Workers	150	150	0	5	5	0.2
53-6021	Parking Lot Attendants	20	20	0	0	0	0.6
53-6099	Transportation Workers, All Other	50	60	0	0	0	0.4
53-7000	Material Moving Workers	8,690	10,730	215	235	450	2.1
53-7021	Crane and Tower Operators	160	130	0	5	5	-2.1
	Industrial Truck and Tractor						
53-7051	Operators	1,050	1,180	15	25	40	1.2
	Cleaners of Vehicles and Equipment						
53-7061	Laborers and Freight, Stock, and	460	660	20	20	40	3.6
53-7062	Material Movers, Hand	4,820	6,280	145	155	300	2.7
53-7064	Packers and Packagers, Hand	1,180	1,140	0	15	15	-0.4
	Refuse and Recyclable Material						
53-7081	Collectors	230	230	0	5	5	-0.1
53-7199	Material Moving Workers, All Other	70	90	0	0	5	2.1

Source: Tennessee Department of Labor and Workforce Development, Employment Security Division  
Labor Market Information Section,  
3/4/2009